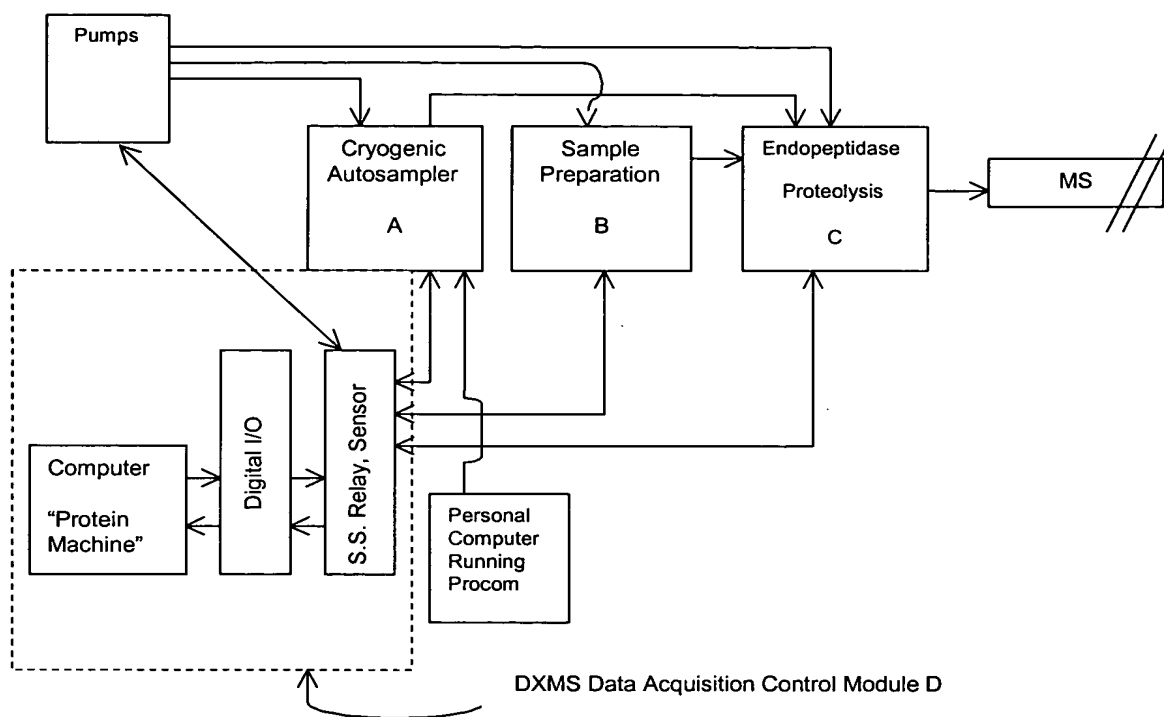
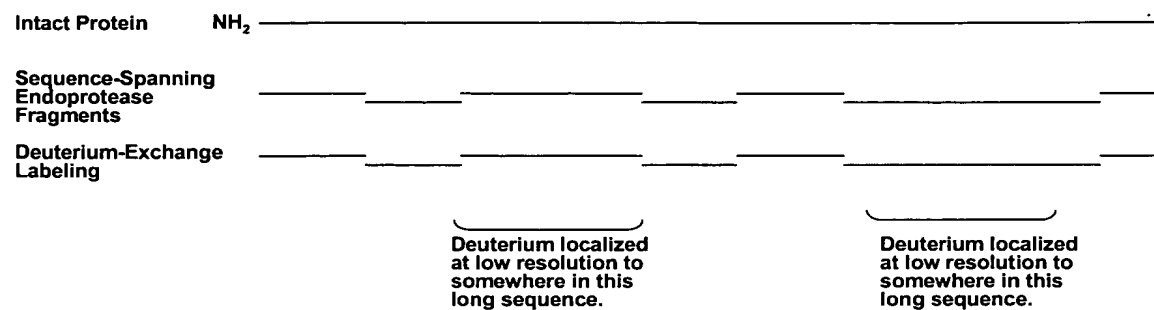


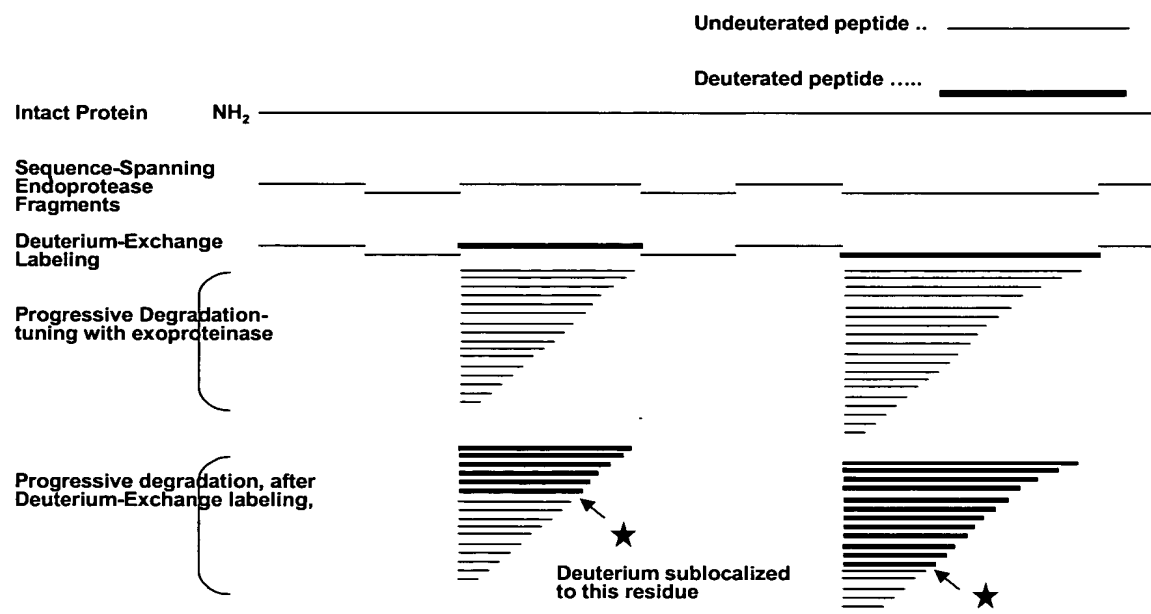
FIGURE 1



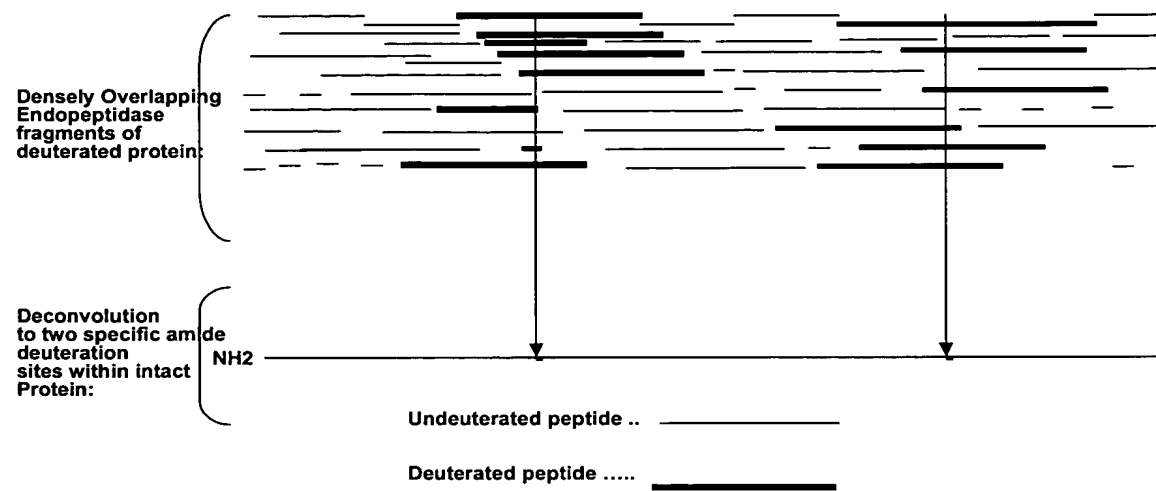
**FIGURE 2**



**FIGURE 3**



**FIGURE 4**



**FIGURE 5**

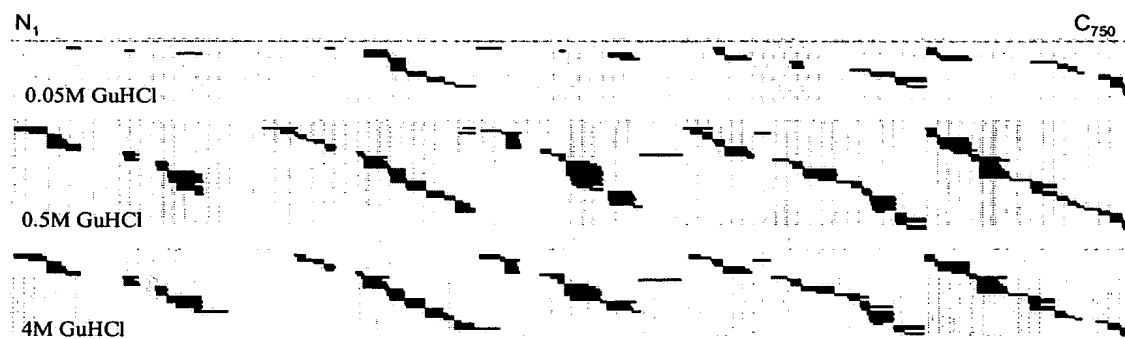


FIGURE 6



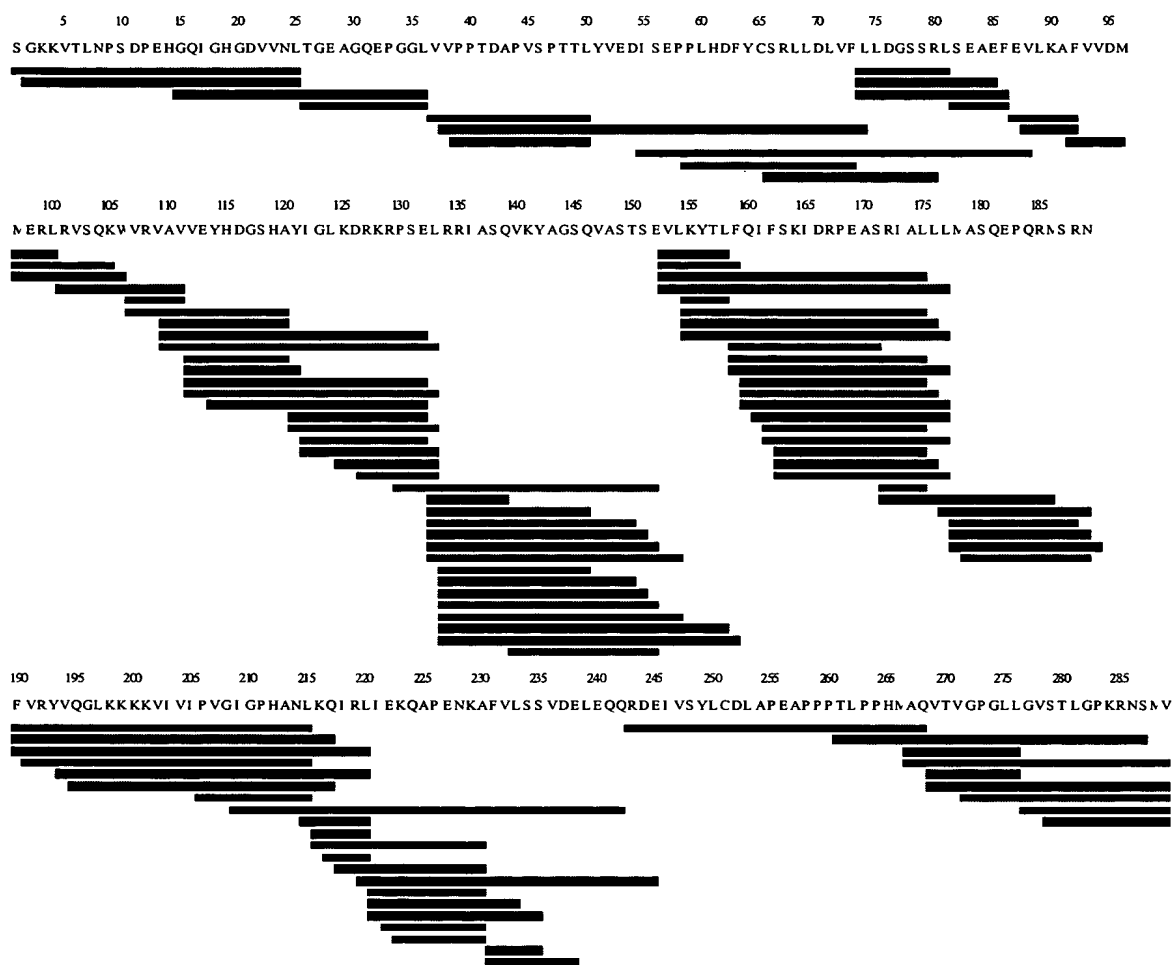


FIGURE 8



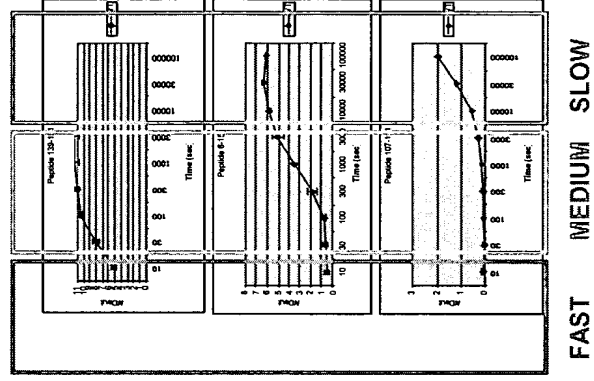
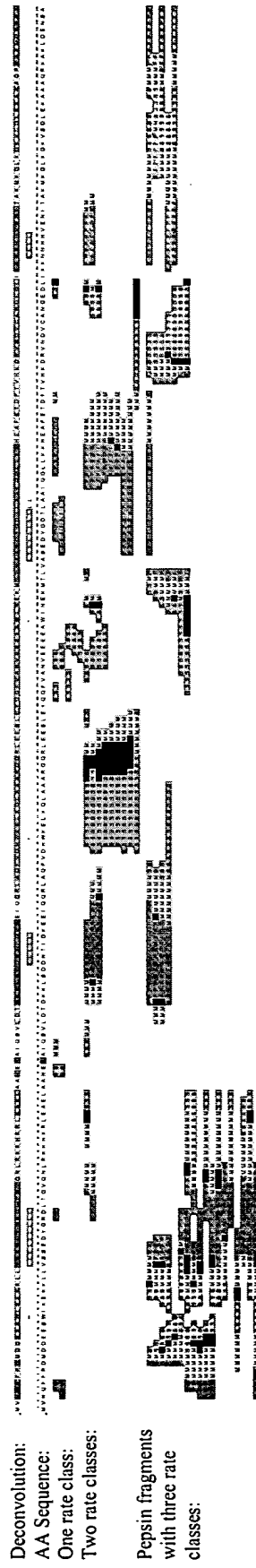
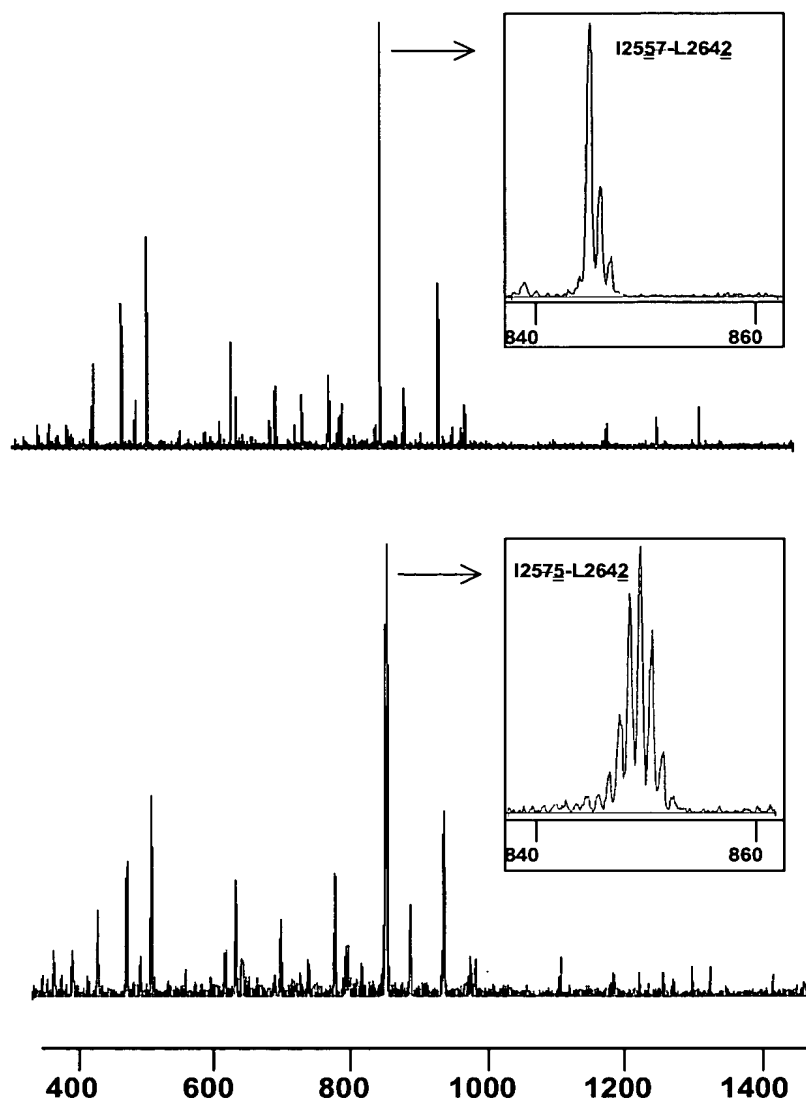
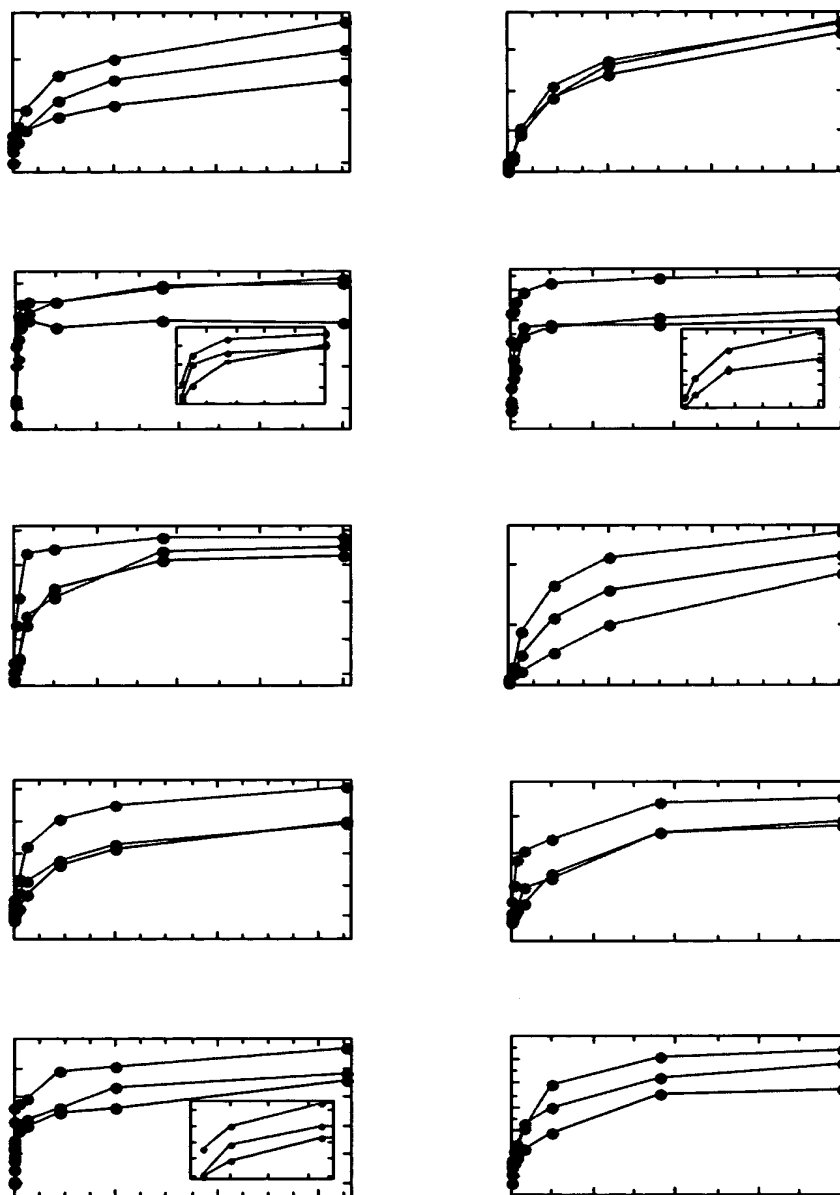


FIGURE 9



**FIGURE 10**

Number of Deuterons

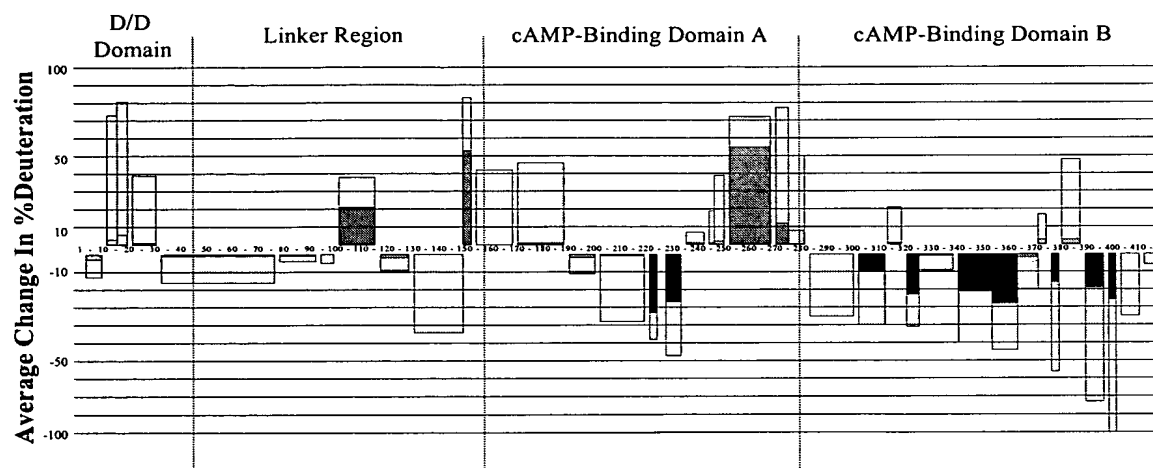


Time (minutes)

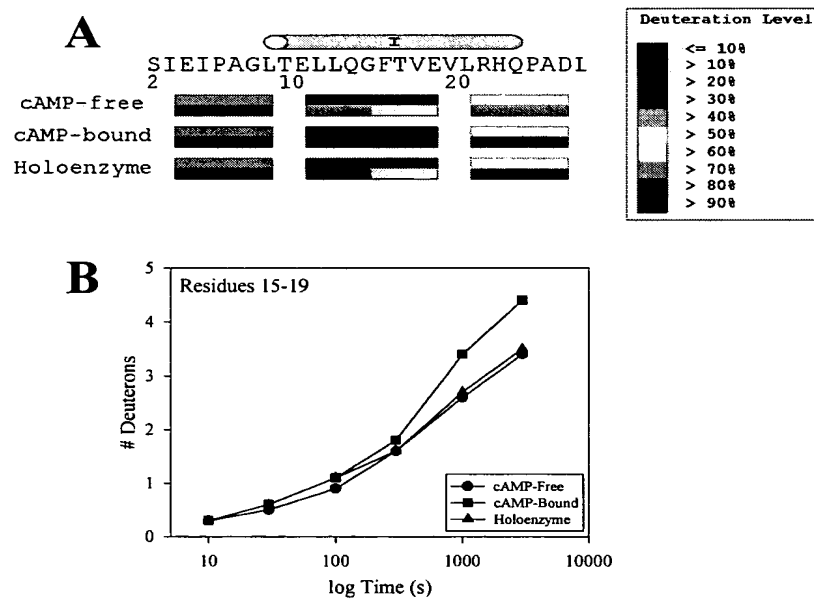
FIGURE 11

2        10        20        30        40        50        60        70  
 SIEIPAGLTELQGFVEVLRHQPADLLEFALQHFTRLQQENERKGAARFGHEGRTWGDAGAAAGGGTPSKGVNF  
 80        90        100        110        120        130        140        150  
 AEEPMSRDSENGINEEEEEAAEAGAFNAPVINRFTRRASVCAEAYNPDEEEDDAESRIIHPKTDDQRNRLQEACKDIL  
 160        170        180        190        200        210  
 LFKNLDPEQMSQVLDAMFEKLVKEGEHVIDQGDDGNFYVIDRGTFDIYVKCDGVGRCVGNYNDRGSF  
 220        230        240        250        260  
 GELALMYNTPRAATITATSPGALWGLDRVTFRRIIVKNNAKKRKMYESF  
 270        280        290        300        310        320        330  
 IESLPFLKSLEVSEERLKVVDVIGTKVYNDGEQIIAQGDSADSFVIVESGEVRI TMKRKGKSDIEENGAVE  
 340        350        360        370        380        390        400        410  
 IARCLRGQYFGELALVTNKPRAASAHAI GTVKCLAMDVQAFERLLGPCMEIMKRNIATYEEQLVALFGTNMDIVEPTA

FIGURE 12



**FIGURE 13**



**FIGURE 14**

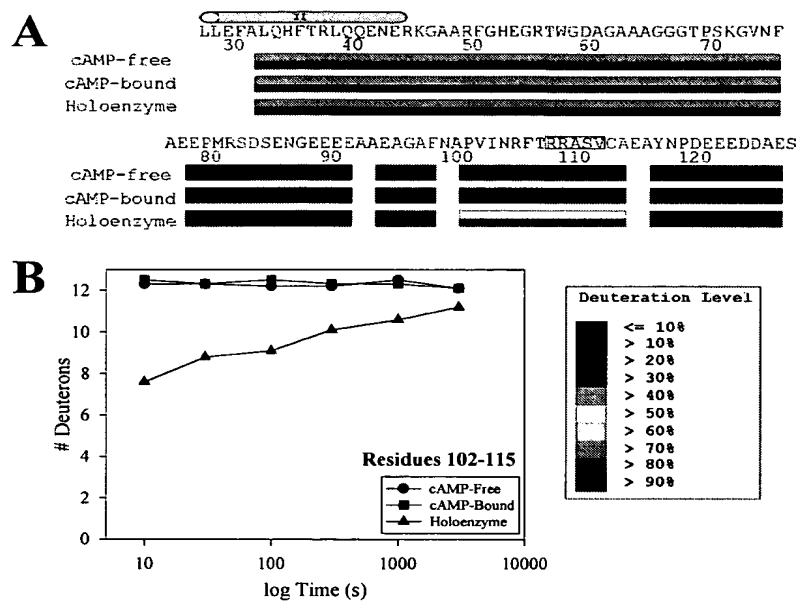


FIGURE 15

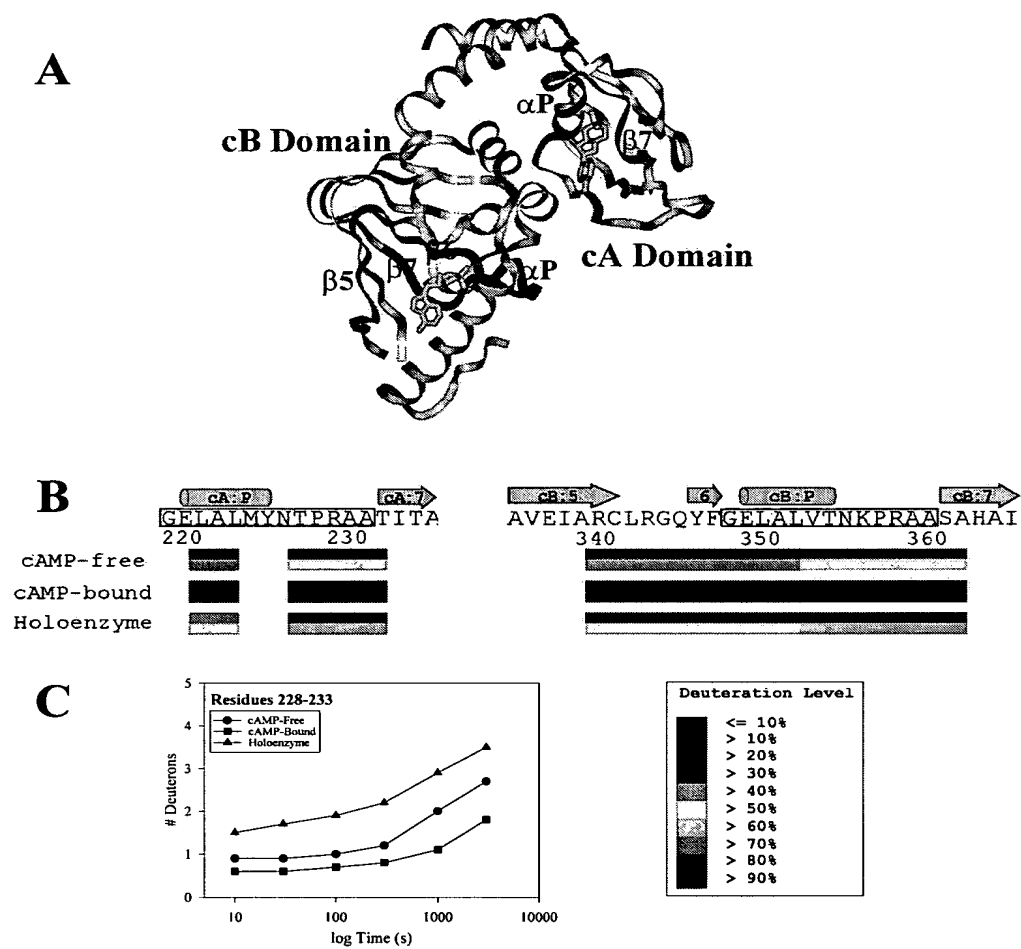


FIGURE 16



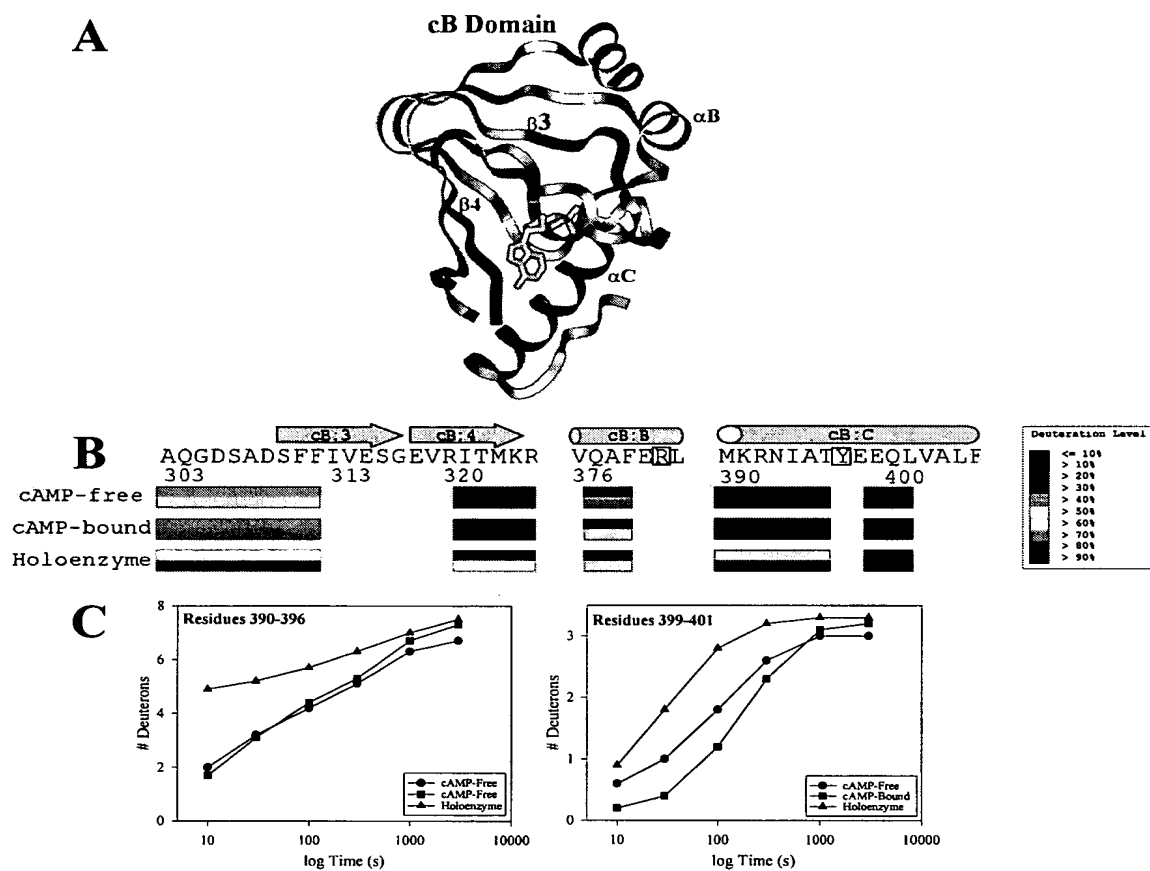


FIGURE 17

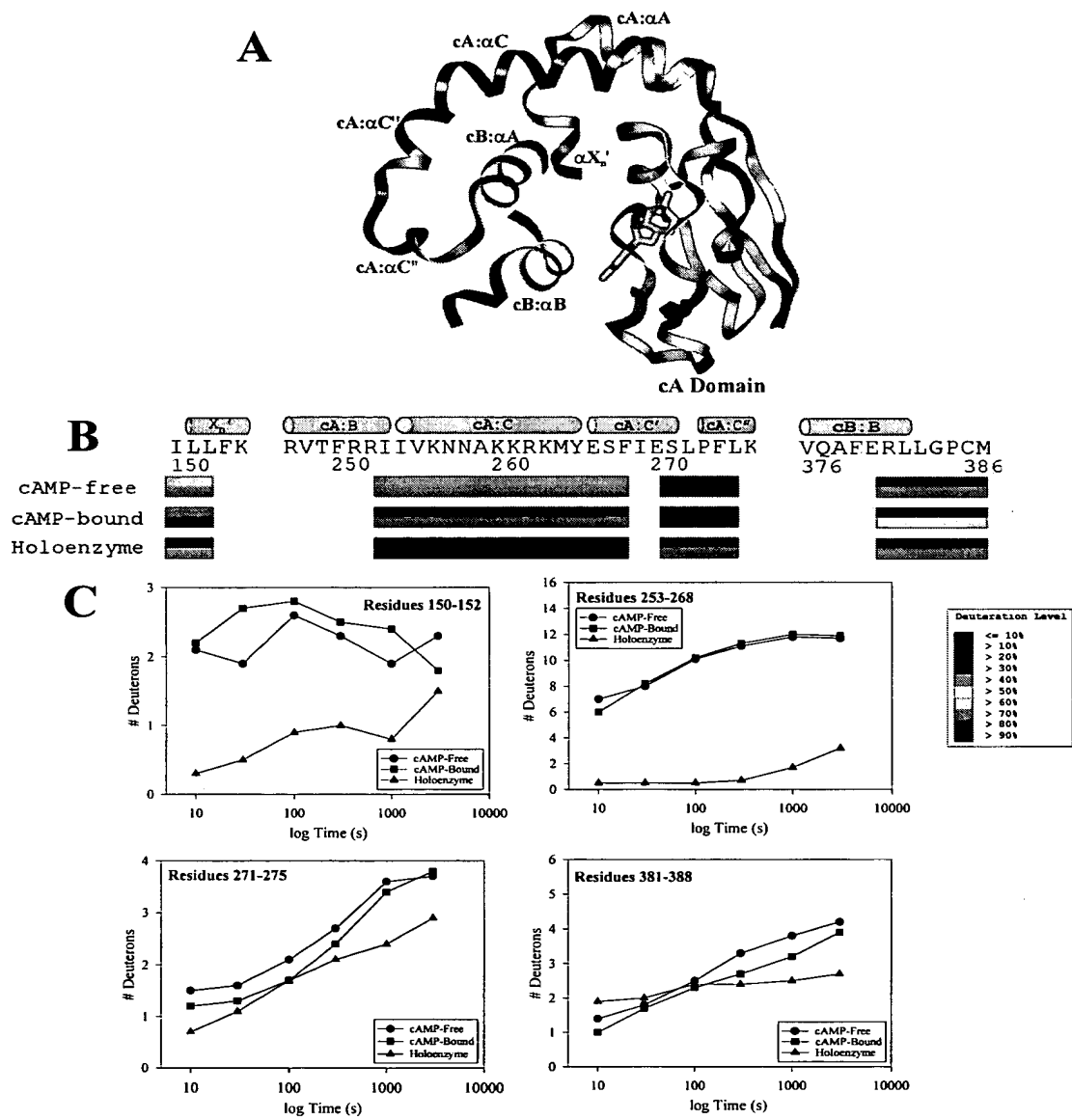


FIGURE 18

# Crystallized, Diffracted Well

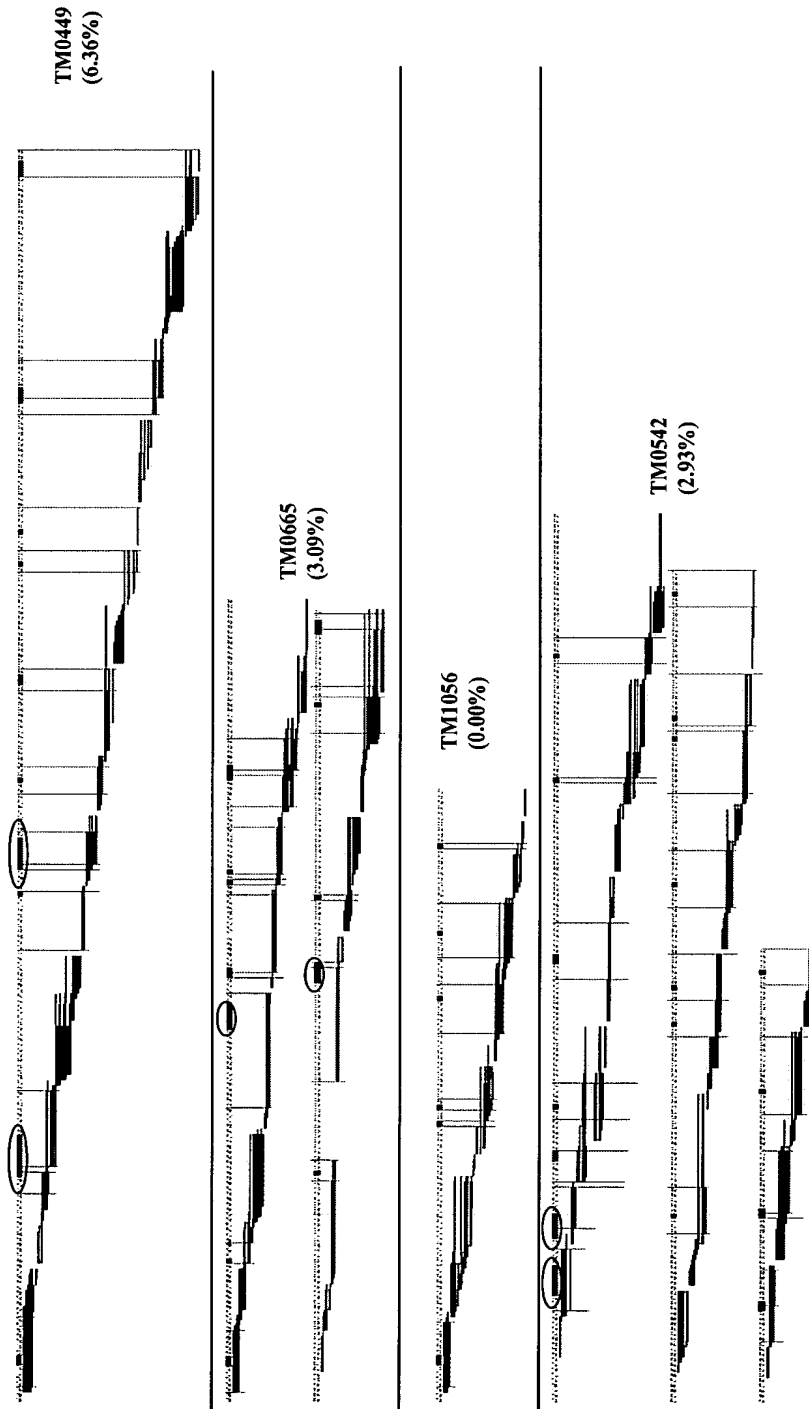


FIGURE 19A

Crystallized, Diffracted Well

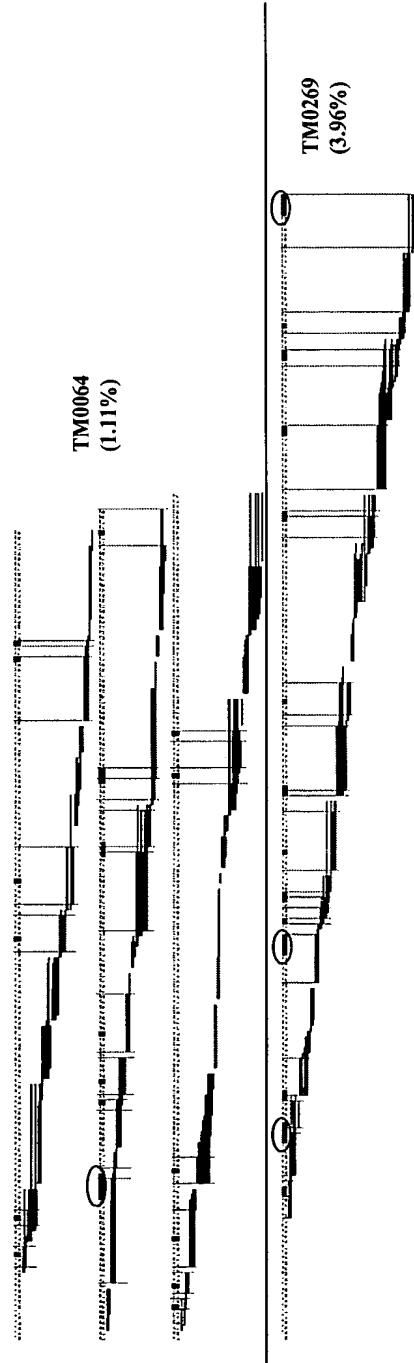


FIGURE 19B

# Didn't Crystallize or Poor Diffraction

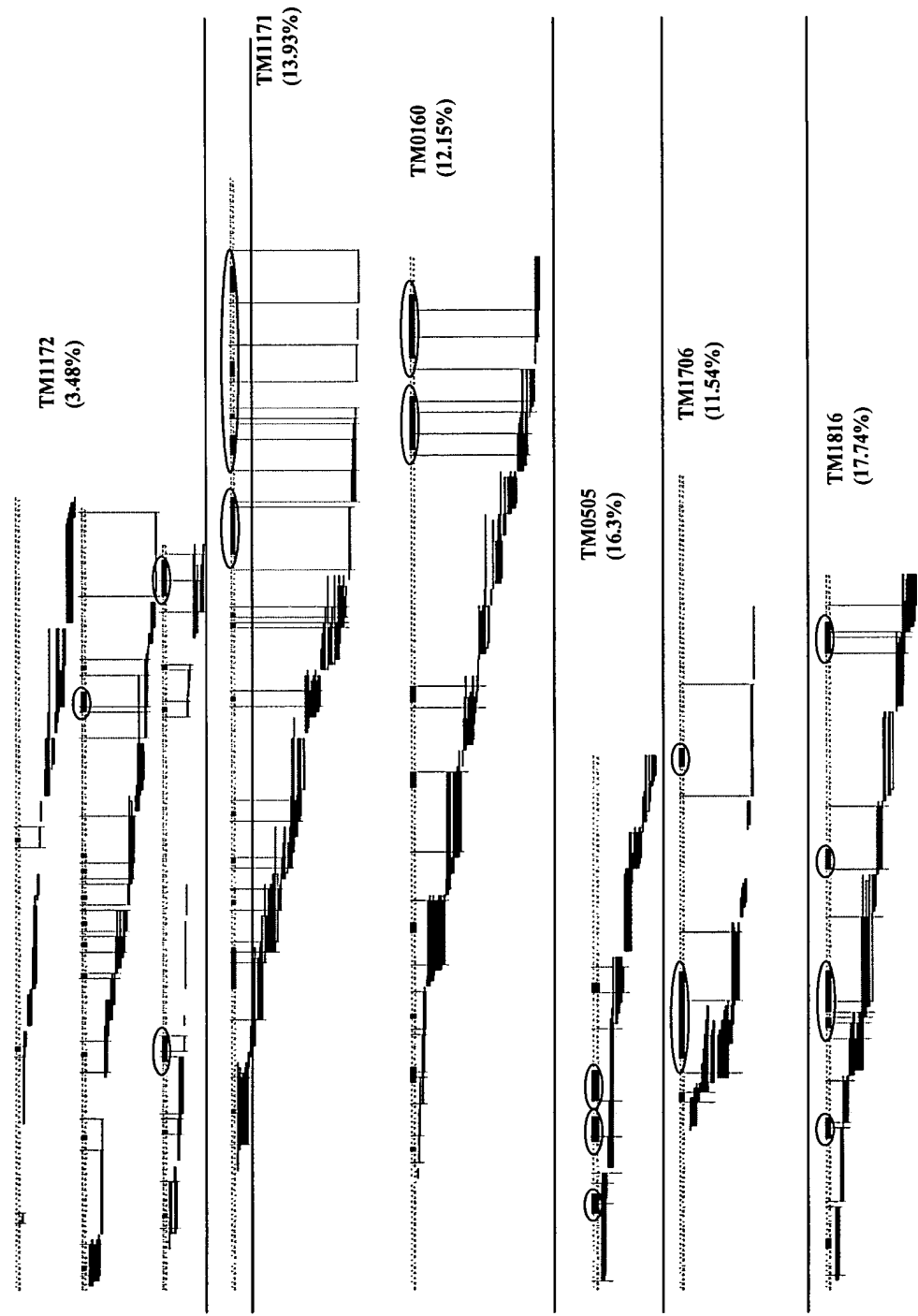


FIGURE 19C

Didn't Crystallize or Poor Diffraction

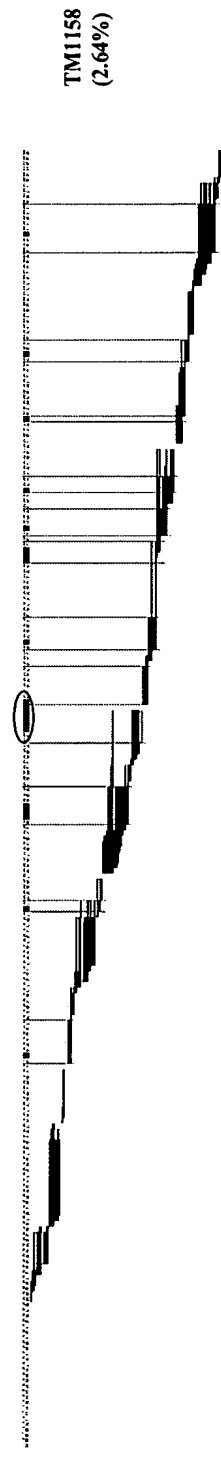
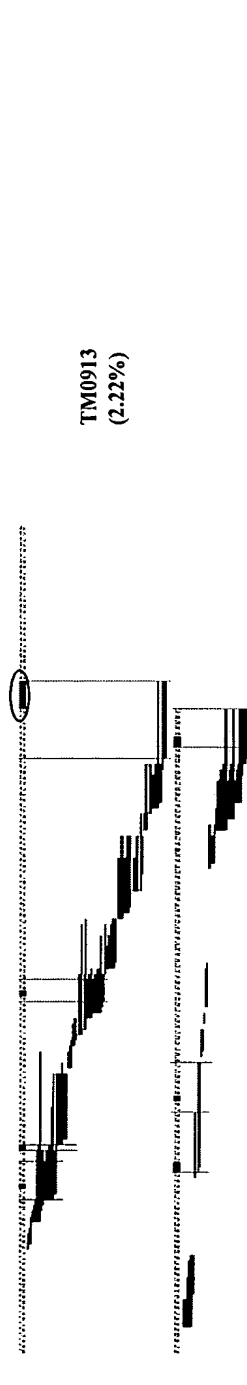
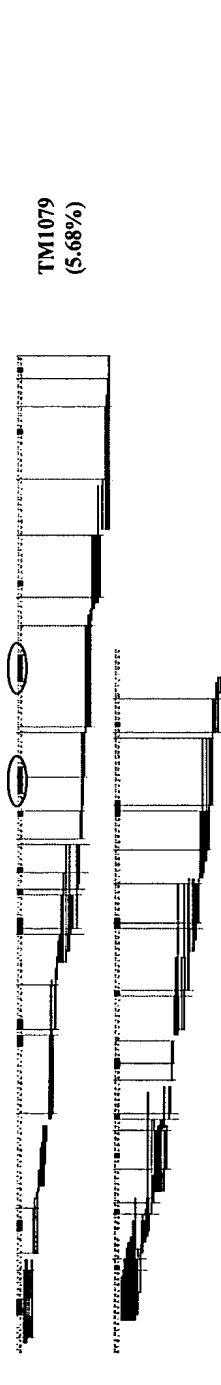
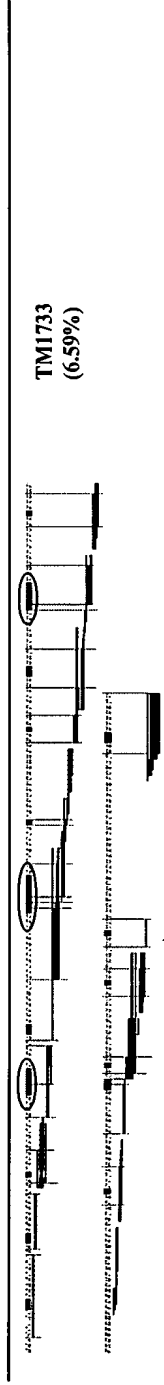


FIGURE 19D

Didn't Crystallize or Poor Diffraction

TM0212  
(0.00%)

TM0320  
(0.00%)

TM1080  
(2.58%)

TM1464  
(1.34%)

TM0486  
(0.00%)

FIGURE 19E

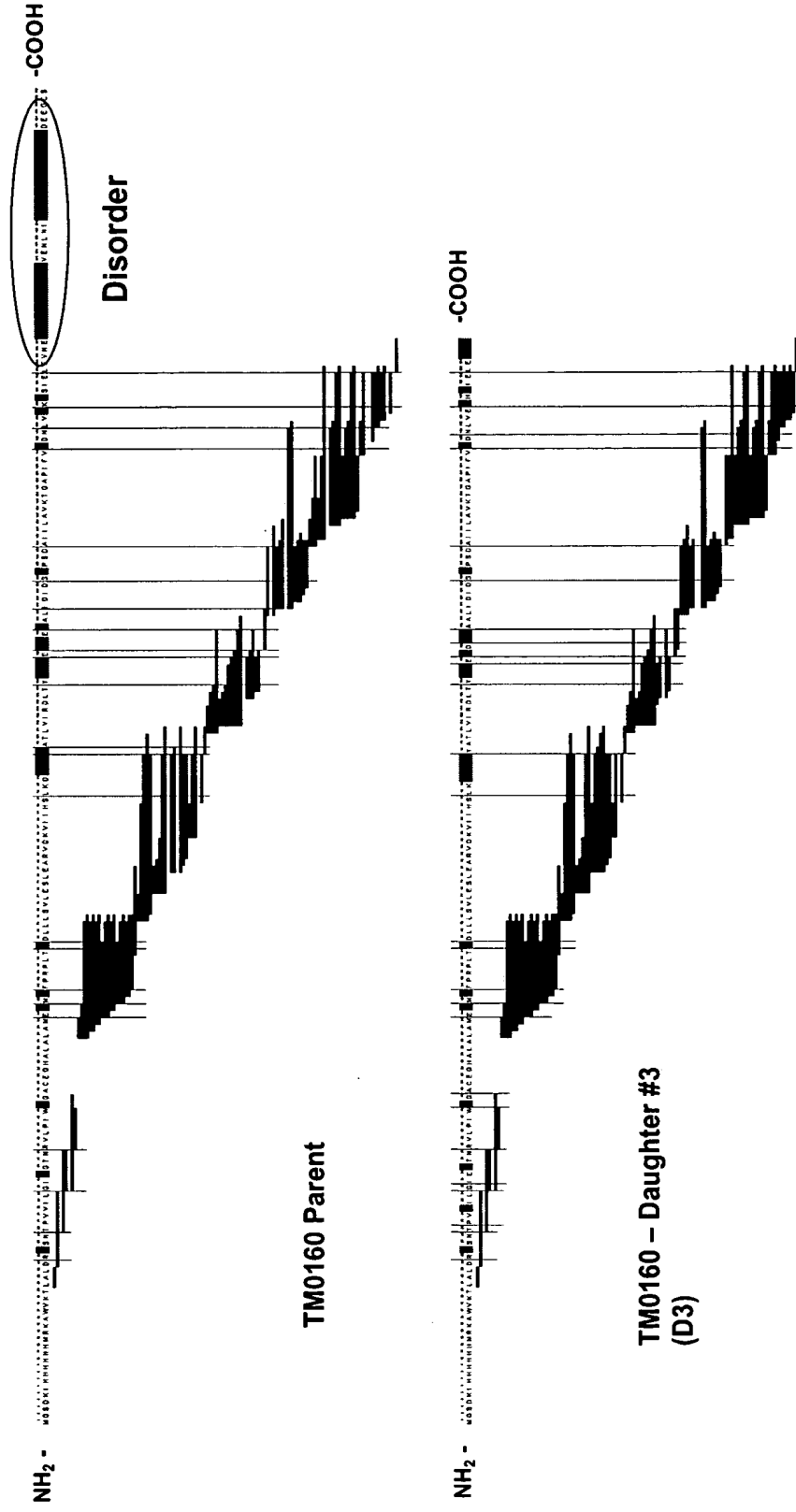


FIGURE 20